

10500625

Rec'd PCT/PTO 30 JUN 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

Rec'd PCT/PTO 30 JUN 2004

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
10 July 2003 (10.07.2003)

PCT

(10) International Publication Number
WO 03/056760 A1(51) International Patent Classification⁷: H04L 12/28,
G05B 15/00, G08C 17/02

(21) International Application Number: PCT/DK02/00007

(22) International Filing Date: 3 January 2002 (03.01.2002)

(25) Filing Language: English

(26) Publication Language: English

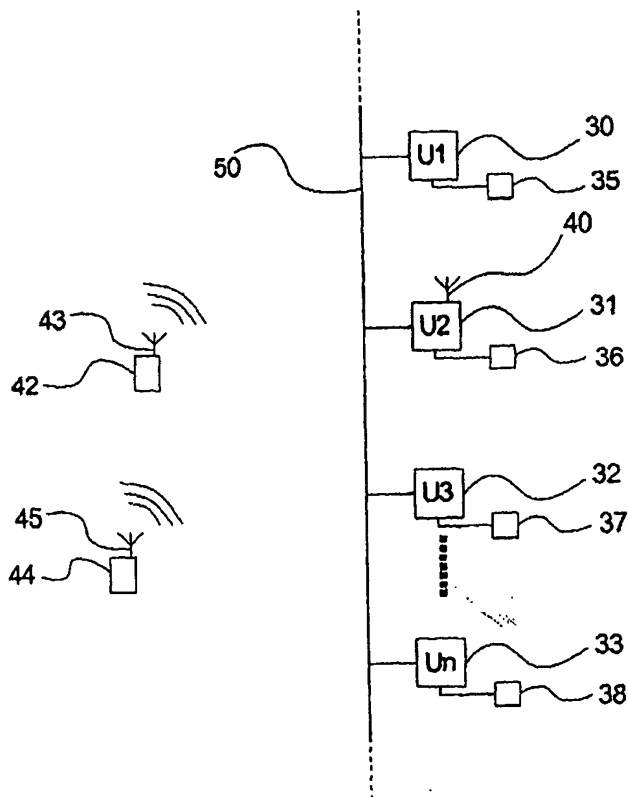
(71) Applicants (for all designated States except US): HOME-
CONTROL A/S [DK/DK]; Skelstedet 11, Gl. Holte,
DK-2950 Vedbæk (DK). SOMFY SAS [FR/FR]; 8,
avenue de Margencel, F-74300 Cluses (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NIELSEN, Martin,
Sandal [DK/DK]; Vadgårdsvej 17, DK-6830 Nr. Nebel
(DK). MOURIDSEN, Erik, Bundsbæk [DK/DK]; VesterBirk 6, DK-6900 Skjern (DK). SØRENSEN, Henning
[DK/DK]; Kildevej 27, DK-6940 Lem (DK). TREL-
BORG, Jakob [DK/DK]; Damgårdsvej 2, Sdr. Vium,
DK-6893 Hemmet (DK).(74) Agent: PATENTGRUPPEN APS; Arosgården, Åboule-
varden 31, DK-8000 Århus C (DK).(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VN, YU, ZA, ZM, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR TRANSMISSION OF SIGNALS TO NODES IN A SYSTEM



(57) **Abstract:** Method of and system for transmitting signals, e.g. control signals, request signals, interrogation signals etc. to a node in the form of a controllable unit associated with a device, e.f. a controllable device, measuring means, etc. and wherein said controllable unit may be linked to at least one further node by means of a communication bus, at least one of said nodes comprising radio frequency receiving means, said method comprising the steps of a) transmitting a signal from a controller, b) reception of said signal by at least said node comprising radio frequency receiving means, c) detection of at least part of said signal indicating a destination node, and d) retransmittal of said signal or part of said signal by said node comprising radio frequency receiving means to said destination node via said communication bus.

WO 03/056760 A1